Memo

Work Order ID 63085 -

October 20, 2010 3:09:51 PM

Quality Control



Page 1

Item ID: D3891-041 Accept Setup Start Revision ID: Stop Panel, Fwd LH Item Name: Start Qty: 2.00 Start Date: 10/20/10 Cust Item ID: Required Date: 10/21/10 Req'd Qty: 2.00 Customer: Reference: Start Run Date: 10-10-20 Tooling: Process Plan: Approvals: Date: Stop QC: Date: SPC (Y/N): Date: Operation Sequence ID/ Reject Set Up/ Tool ID Tool # Plan Accept Reject Insp. Work Center ID Description Qty Qty Number Stamp Run Hours Code Revision Nbr Draw Nbr D3891 A 100 0.00 B10-10-20 Waterjet 0.00 Memo FLOW CNC Waterjet 1-Cut as per Dwg D3891-1 Dwg Rev: 7 Prog Rev: 2-Deburr if necessary 110 QC2- Inspect parts off machine FAI/FAIB 0.00 4310-10-20 0.00

Dart Aerospace Ltd W/O: WORK ORDER CHANGES DATE STEP PROCEDURE CHANGE By Date Qty Chief Eng / Prod Mgr OC Inspector OC Inspector

Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date:	
Resolutio	n:	Disposition:	QA: N/C Closed:	Date:	

NCR:		WORK ORDER NON-CONFORMANCE (NCR)										
		Description of NC		Corrective Action Section B	1.6	Verification	Annuarial	A				
DATE	DATE STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector				
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						141.2	7.4					
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Work Order ID 63085

October 20, 2010 3:09:52 PM



Page 2

Item ID:

D3891-041

Accept



Setup Start

Stop



Revision ID:

Item Name:

Panel, Fwd LH

Start Date:

10/20/10

Start Qty: 2.00

Required Date: 10/21/10

Req'd Qty: 2.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/ Work Center ID

120

Operation Description

QC8- Inspect parts - second check

Memo

Set Up/ Run Hours

0.00

0.00

Tool ID

Tool # Plan

Accept Qty Code

Reject Qty

Reject Insp. Number

Stamp

Quality Control

130

Small Fab

Small Fab

Memo

Deburr if necessary

0.00

=7 m/ w/10/21

140

Packaging Packaging

Pick Kit

Memo

Dart Aerospace Ltd

W/O:			W	ORK ORDER CHAI	NGES					£
DATE	STEP	PRO	CEDURE CH	ANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	:	PAR #:	Fault Cat	egory:	NCR	Yes N	o DQA	۱:	Date:	
	R	esolution:	Disposition	on:	QA:	N/C Clo	sed:		_ Date: _	
NCR:		V	VORK ORE	DER NON-CONFOR	MANCE	(NCR)	E S			7
DATE	STEP	Description of NC			Section B	Ci 0	Verific		Approval	Approval
DAIL	O.L.	Section A	Initial Chief Eng	Action Description Chief Eng	on	Sign & Date	Section	on C	Chief Eng	QC Inspector
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Work Order ID 63085

October 20, 2010 3:09:52 PM



Page 3

Item ID:

D3891-041

Accept



Setup Start

Stop



Revision ID:

Item Name:

Panel, Fwd LH

Start Date:

10/20/10

Start Qty: 2.00

Req'd Qty: 2.00

Operation

Description



Cust Item ID:

Customer:

Tool ID

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start



QC:

Required Date: 10/21/10

Date:

SPC (Y/N):

Set Up/

Run Hours

Date:

Stop

Reject

Qty



Reject

Number

Sequence ID/ Work Center ID

150

Small Fab

Small Fab

Memo

0.00

0.00

1- Bond gasket to smooth side of panel as per dwg

A/R 3M 1300 adhesive Batch:

Tool # Plan

Code

Accept

Otv

Insp. Stamp

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

Memo

0.00

170

Packaging

Packaging

Identify as per dwg & Stock Location:

Memo

0.00

0.00

Dart Aer	ospace	e Ltd							
W/O:			W	ORK ORDER CHANGE	ES				3 4
DATE	STEP	PRO	CEDURE CHA	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
		To the second							
		1_						42	
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	_ Date: _	
	R	esolution:	Dispositio	n:	QA: N/C C	losed:		Date:	
NCR:		\ \ \	WORK ORD	ER NON-CONFORMA	NCE (NC	R)			
		Description of NC		Corrective Action Section	on B	Vorifi	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sec	tion C	Chief Eng	QC Inspector

Work Order ID 63085

October 20, 2010 3:09:52 PM

Required Date: 10/21/10



Page 4

Item ID:

D3891-041

Accept



Setup Start



Revision ID:

Panel, Fwd LH Item Name:

Start Date:

10/20/10

Start Qty: 2.00

Req'd Qty: 2.00

Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Operation

Description

Date:

Date:

Tooling:

Date:

Run Start

QC:

SPC (Y/N):

Date:

Stop

Stop

Sequence ID/ Work Center ID

180

Memo

QC21- Final Inspection - Work Order Release

Set Up/ **Run Hours**

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

Quality Control

0.00

Le 1010-21

Dart Aerospace Ltd

W/O:			V	ORK ORDER CHANGES				*
DATE	STEP	PROC	EDURE CH	IANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No		PAR #:esolution:		tegory: No				100 mm
NCR:		W	ORK OR	DER NON-CONFORMANC	E (NCF	1)		
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section B Action Description Chief Eng	Sign 8	Verification Section C	Approval Chief Eng	Approval QC Inspector
Å-			Y					144

Picklist Print

October 20, 2010 3:09:50 PM

Work Order ID: 63085

Parent Item:

D3891-041

Parent Item Name: Panel, Fwd LH



Start Date: 10/20/10 Start Qty: 2.00 Required Date: 10/21/10

Page 1

Required Qty: 2.00

No

Comments:

IPP RevA: New issue DD verified by:EC

Manufactured

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MLEXS.125-F60029-04		Purchased	No			100	sf	1,253.803	4.656	9.802105			
GE PLASTICS LEXAN SH										13	310-10	- 20	

Location MAT

1150

115261

Loc Qty

1253.8038

1253.8038

140

Each 0.0000

Loc Code

B 63090

115761

0

Gasket

D3891-3

-

C---

Dart Aerospace Ltd

W/O:			٧	VORK ORDER CHANGES				-	
DATE	STEP	PROCI	EDURE CH	HANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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		A Section 1							
		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
		27	Section 1	1000			LI I	700	B. 17 12
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		3			- 1				
Part No	:	PAR #:	Fault Ca	tegory:N	CR: Yes	No DQ	A:	_ Date: _	A. C.
	R	esolution:	Disposit	ion: Q	A: N/C C	losed:		Date:	
NCR:		W	ORK OR	DER NON-CONFORMANC	E (NC	R)			
		Description of NC		Corrective Action Section B		Verific	cation	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Secti		Chief Eng	QC Inspector

DART AEROSPACE LTD	Work Order:	43085
Description: Panel	Part Number:	D3891-1
Inspection Dwg: D3891 Rev: A		Page 1 of 1

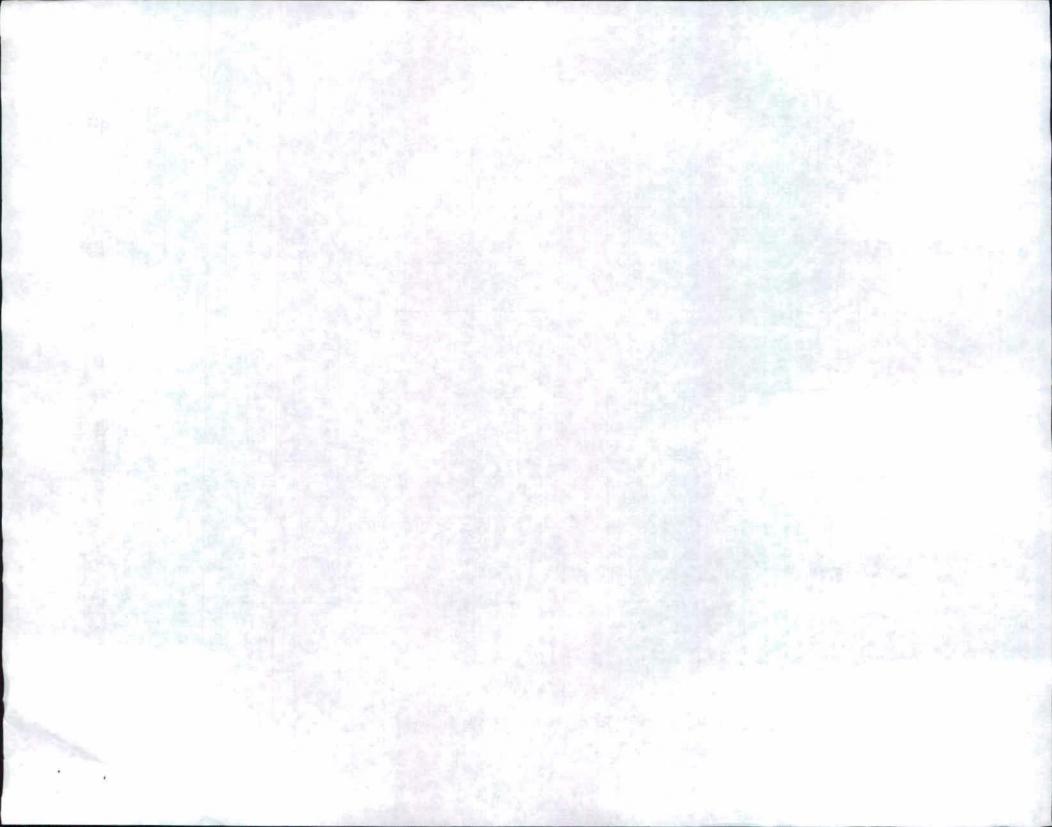
FIRST ARTICLE INSPECTION CHECKLIST

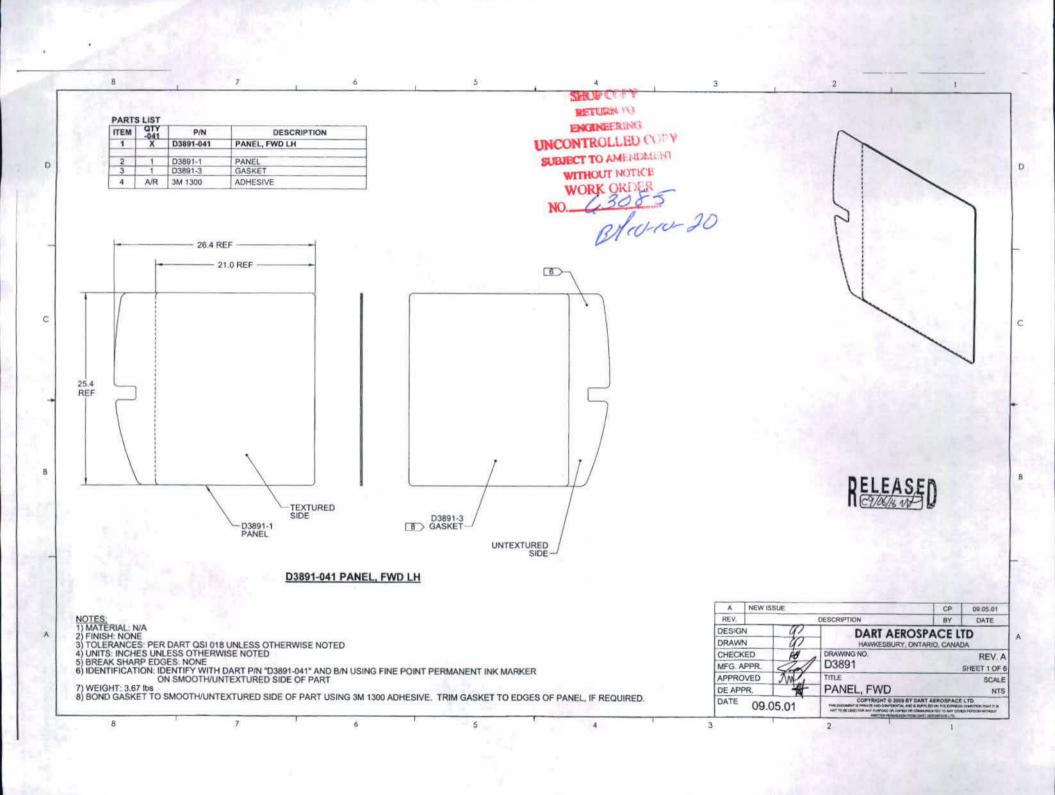
	F1 - 4 & 41 - 1 -	
X	First Article	Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
2.84	+/-0.030	2.84	8		T BOI	
26.4	+/-0.100	26.4	S		T	
24.5	+/-0.100	24.5	77		7	
25.4	+/-0.100	25.375			7	
22.5	+/-0.100	7.66	0		7	
26.2	+/-0.100	26.2	7		7	- Next
11.20	+/-0.030	11.20	¥		7	
1.75	+/-0.030	1.753	2		V	
0.125	+/-0.010	,131	The .		BU02	
			1			
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			1			and the same of

Measured by:	R	Audited by:		Prototype Approval:	N/A
Date:	10-10-20	Date:	101071	Date:	N/A

Rev	Date	Change		Revised by	Approved
A 0	9.07.29	New Issue	P/O D3891-041	Revised by	Approved







PARTS LIST QTY -042 P/N DESCRIPTION D3891-042 PANEL, FWD RH D3891-4 GASKET ADHESIVE A/R 3M 1300 21.6 REF 16.75 REF w/u 43085 25.4 REF -D3891-4 GASKET B D3891-2 PANEL UNTEXTURED SIDE **TEXTURED SIDE** D3891-042 PANEL, FWD RH NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: NONE
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3891-042" AND B/N USING FINE POINT PERMANENT INK MARKER ON SMOOTH/UNTEXTURED SIDE OF PART

ON SMOOTH/UNTEXTURED SIDE OF PART USING 3M 1300 ADHESIVE. TRIM GASKET TO EDGES DESIGN DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA CHECKED DRAWING NO. REV. A D3891 MFG. APPR. SHEET 2 OF 6 APPROVED SCALE 7) WEIGHT: 2.93 lbs
8) BOND GASKET TO SMOOTH/UNTEXTURED SIDE OF PART USING 3M 1300 ADHESIVE. TRIM GASKET TO EDGES OF PANEL, IF REQUIRED. DE APPR. PANEL, FWD COPYRIGHT @ 1005 BY DART AEROSPACE LTD DATE 09.05.01 8

